

Rabbit anti-Human Cathelicidin Polyclonal Antibody | anti-CAMP antibody

Cathelicidin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39551	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

Cathelicidin; Polyclonal Antibody; Cathelicidin Antibody; LL37; CAP18; CRAMP; HSD26; CAP-18; FALL39; FALL-39; Cathelicidin antimicrobial peptide; 18 kDa cationic antimicrobial protein; cathelicidin antimicrobial peptide; anti-CAMP antibody

PRODUCT SPECIFICATIONS

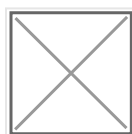
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Cathelicidin Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	170
Applicable Applications for anti-CAMP antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Cathelicidin antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of the human Cathelicidin.
Buffer	Cathelicidin Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Cathelicidin antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



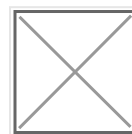
IHC (Immunohistochemistry)

Immunohistochemistry of Cathelicidin in human spleen tissue with Cathelicidin antibody at 5 μg/mL.



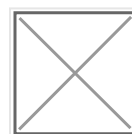
IHC (Immunohistochemistry)

Immunohistochemistry of Cathelicidin in human spleen tissue with Cathelicidin antibody at 5 μg/mL.



IF (Immunofluorescence)

Immunofluorescence of Cathelicidin in Human Spleen cells with Cathelicidin antibody at 20 μg/mL.



WB (Western Blot)

Western blot analysis of Cathelicidin in Human spleen tissue lysate with Cathelicidin antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CAMP antibody	Cathelicidin Antibody: One component of host defense at mucosal surfaces is epithelial-derived antimicrobial peptides. Cathelicidins are one family of antimicrobial peptides characterized by conserved pro-peptide sequences that have been identified in epithelial tissues and some myeloid cells of humans and animals. LL-37/hCAP-18 is the only Cathelicidin found in humans and is expressed in inflammatory and epithelial cells. The presence of these molecules is essential for defense against invasive bacterial infection in skin. Besides their direct antimicrobial function, Cathelicidins have multiple roles in mediating innate and adaptive immunity, such as endotoxin neutralizing, angiogenesis, wound healing and promoting neutrophil chemotaxis and mast cell recruitment. Finally, Cathelicidin antimicrobial peptides qualify as prototypes of innovative drugs that may be used to treat infection and/or modulate the immune response.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	39753970
NCBI GeneID	820
NCBI Accession #	NP_004336
NCBI GenBank Nucleotide #	NM_004345.3
UniProt Accession #	P49913; Q71SN9
Molecular Weight	Predicted: 19 kDa Observed: 18 kDa
NCBI Official Full Name	cathelicidin antimicrobial peptide
NCBI Official Synonym Full Names	cathelicidin antimicrobial peptide
NCBI Official Symbol	CAMP
NCBI Official Synonym Symbols	LL37; CAP18; CRAMP; HSD26; CAP-18; FALL39; FALL-39
NCBI Protein Information	cathelicidin antimicrobial peptide; 18 kDa cationic antimicrobial protein
UniProt Protein Name	Cathelicidin antimicrobial peptide
UniProt Gene Name	CAMP
UniProt Synonym Gene Names	CAP18; FALL39; CAP-18; hCAP-18
UniProt Entry Name	CAMP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cathelicidin-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39551>